


Form PTO-1449					Attorney Docket No. <b>050508-1100</b>		Serial No. <b>TBA</b>	
<b>INFORMATION DISCLOSURE CITATION</b>					Applicant <b>Nie, et al.</b>			
(Use several sheets if necessary)					Filing Date <b>September 18, 2003</b>		Group <b>TBA</b>	
<b>U.S. PATENT DOCUMENTS</b>								
Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
my	1	20020090650	July 11, 2002	Empedocles, et al.	435	7.1		
↓	2	20020182609	Dec. 5, 2002	Arcot	435	6		
↓	3	6,468,808	Oct. 22, 2002	Nie et al.	436	524		
↓	4	6,514,295	Feb. 4, 2003	Chandler, et al.	8	607		
↓	5	6,524,793	Feb. 25, 2003	Chandler, et al.	435	6		
↓	6	6,541,203	April 1, 2003	Mitchison	435	6		
<b>FOREIGN PATENT DOCUMENTS</b>								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
my	7	WO 00/55631 A1	Sept. 21, 2000	WIPO	33	58	X	
↓	8	WO 00/71995 A2	Nov. 30, 2000	WIPO	21	77	X	
↓	9	WO 03/003015 A2	Jan. 9, 2003	WIPO	33	544	X	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>								
my	10	C.B. Murray, D.J. Norris, and M.G. Bawendi, "Synthesis and Characterization of Nearly Monodisperse CdE (E=S, Se, Te) Semiconductor Nanocrystallites," March 22, 1993. <i>J. Am. Chem. Society</i> , Vol. 115 pgs. 8706-8715 my						
↓	11	Z. Adam Pen and Xiaogang Peng, "Formation of High-Quality CdTe, CdSe, and CdS Nanocrystals Using CdO as Precursor," October 10, 2000. <i>J. Am. Chem. Society</i> , Vol. 123, pgs. 183-184 my						
↓	12	Lianhua Qu, Z. Adam Peng, and Xiaogang Peng, "Alternative Routes toward High Quality CdSe Nanocrystals," May 15, 2001. <i>Nano Letters</i> , Vol. 1, No. 6 pgs. 333-337 my						
↓	13	Xiaogang Peng, Michael C. Schlamp, Andreas V. Kadavanich, and A.P. Alivisatos, "Epitaxial Growth of Highly Luminescent CdSe/CdS Core/Shell Nanocrystals with Photostability and Electronic Accessibility," March 10, 1997. <i>J. Am. Chem. Society</i> , Vol. 119, pgs. 7019-7029 my						
↓	14	Mingyong Han, Xiaohu Gao, Jack Z. Su, and Shuming Nie, "Quantum-dot-tagged microbeads for multiplexed optical coding of biomolecules," July 2001. <i>Nature</i> Vol. 19 pgs. 631-635 my						
↓	15	Wolfgang J. Parak, Rosanne Boudreau, Mark LeGros, Daniele Gerion, Daniela Zanchet, Christine M. Micheel, Shara C. Williams, A. Paul Alivisatos, and Carolyn Larabell, "Cell Motility and Metastatic Potential Studies Based on Quantum Dot Imaging of Phagokinetic Tracks," June 18, 2002. <i>Advanced Materials</i> , Vol. 14, No. 12 pgs. 882-884 my						
* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.								
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<i>my</i>	16	Mahesh K. Bhalgat, Rosaria P. Haugland, Jeffrey S. Pollack, Sharon Swan, Richard P. Haugland, "Green-and red-fluorescent nanospheres for the detection of cell surface receptors by flow cytometry," June 21, 1998. <i>J. of Imm. Methods, Vol. 219, pgs. 57-68, my</i>	
	17	J. R. Kettman, T. Davies, D. Chadler, K.G. Oliver, and R.J. Fulton, "Classification and Properties of 64 Multiplexed Microsphere Sets," June 10, 1998. <i>Cytometry Vol. 33 pgs 234-243 my</i>	
	18	R. Jerrold Fulton, Ralph L. McDade, Perry L. Smith, Laura J. Kienker, and John R. Kettman Jr., "Advanced multiplexed analysis with the FlowMetrix™ system," Clinical Chemistry 43:9, 1749-1756 (1997). <i>Ch</i>	
	19	Keith J. Albert and David R. Walt, "Optical Multibead Arrays for Simple and Complex Odor Discrimination," June 1, 2001. <i>Anal. Chemistry Vol. 73 pgs. 2501-2508 my</i>	
	20	Keith J. Albert and David R. Walt, "High-Speed Fluorescence Detection of Explosives-like Vapors," Anal. Chem. 2000, 72, 1947-1955.	
	21	Karri L. Michael, Laura C. Taylor, Sandra L. Schultz, and David R. Walt, "Randomly Ordered Addressable High-Density Optical Sensor Arrays," Anal. Chem. 1998, 70, 1242-1248.	
	22	Jane A. Ferguson, Frank J. Steemers, and David R. Walt, "High-Density Fiber-Optic DNA Random Microsphere Array," Anal. Chem. 2000, 72, 5618-5624.	
	23	Nikolai Gaponik, Igor L. Radtchenko, Gleb B. Sukhorukov, Horst Weller, and Andrey L. Rogach, "Toward Encoding Combinatorial Libraries: Charge-Driven Microencapsulation of Semiconductor Nanocrystals Luminescing in the Visible and Near IR," Adv. Mater. 2002, 14 No. 12, June 18. <i>pgs. 879-881</i>	
	24	Kevin Braeckmans, Stefaan C. DeSmedt, Marc Leblans, Rudi Pauwels and Joseph Demeester, "Encoding Microcarriers: Present and Future Technologies," Nature Reviews/Drug Discovery, Volume 1, June 2002. <i>pgs. 447-456 my</i>	
	25	Bronwyn J. Battersby, Gwendolyn A. Lawrie, Angus P.R. Johnston and Matt Trau, "Optical barcoding of colloidal suspensions: applications in genomics, proteomics and drug discovery," Chem Commun., 2002, 1435-1441.	
	26	Richard M. Levenson and Clifford C. Hoyt, "Spectral imaging and microscopy," American Laboratory, 2000.	
	27	J.R. Kettman, T. Davies, D. Chandler, K.G. Oliver, and R.J. Fulton, "Classification and Properties of 64 Multiplexed Microsphere Sets," Cytometry 33:234-243 (1998).	
	28	J.W. Kim, J.H. Ryu, K.D. Suh, "Monodisperse micron-sized macroporous poly (styrene-co-divinylbenzene) particles by seeded polymerization," Colloid Polym Sci 279:146-152 (2001).	
	29	Q. Ching Wang, Frantisek Svec, and Jean M.J. Frechet, "Fine Control of the Porous Structure and Chromatographic Properties of Monodisperse Macroporous Poly (styrene-co-divinylbenzene) Beads Prepared Using Polymer Porogens," Journal of Polymer Science Part A: Polymer Chemistry, Vol. 32, 2577-2588 (1994).	
	30	Gregory Bearman, Jet Propulsion Laboratory, California Institute of Technology, Richard Levenson, Cambridge Research and Instrumentation, Woburn, MA, "Biological Imaging Spectroscopy," Pages 1-22.	
<i>✓</i>	31	Paul Pantano, Claudia C. Meek, Jing Wang, Decio H. Coutinho and Kenneth J. Balkus, Jr., "Optical encoding with shaped DAM-1 molecular sieve particles," The Royal Society of Chemistry 2003, Lab Chip, 2003, 3, 132-135.	
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my		32	John P. Nolan, Sabine Lauer, Eric R. Prossnitz and Larry A. Sklar, "Flow cytometry: a versatile tool for all phases of drug discovery," Research Focus, DDT Vol. 4, No. 4 April 1999.			
		33	R. Jerrold Fulton, Ralph L. McDade, Perry L. Smith, Laura J. Kienker, and John R. Kettman Jr., "Advanced multiplexed analysis with the FlowMetrix™ system," Clinical Chemistry 43:9, 1749-1756 (1997).			
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		35	Ivan Sondi, Olavi Siiman, Steven Koester, and Egon Matijevic, "Preparation of Aminodextran-CdS Nanoparticle Complexes and Biologically Active Antibody-Aminodextran-CdS Nanoparticle Conjugates," Langmuir 2000, 16, 3107-3118.			
		36	Matthew J. Dejneka, Alexander Streltsov, Santana Pal, Anthony G. Frutos, Christy L. Powell, Kevin Yost, Po Ki Yuen, Uwe Muller, and Joydeep Lahiri, "Rare earth-doped glass microbarcodes," PNAS, January 21, 2003, Vol. 100, No. 2, 389-393.			
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		38	VariSpec™ tunable imaging filters, "Multispectral Imaging," www.cri-inc.com			
✓		39	John P. Nolan and Larry A. Sklar, "Suspension array technology: evolution of the flat-array paradigm," TRENDS in Biotechnology, Vol. 20, No. 1, January 2002. 915 173-180			
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